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SEQUENCE LISTING

<110> Cichutek, Klaus
Engelstadter, Martin

<120> CELL-SPECIFIC RETROVIRAL VECTORS WITH ANTIBODY DOMAINS AND
METHOD FOR THE PRODUCTION THEREOF FOR SELECTIVE GENE TRANSFER

<130> 11692-004001

<140> US 09/555,350

<141> 2000-05-26

<150> PCT/DE98/03543

<151> 1998-11-27

<150> DE 197 25 854.6

<151> 1997-11-28

<160> 35

<170> FastSEQ for Windows Version 4.0

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<212> DNA

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<210> 5
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<210> 6
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<223> Synthetically generated peptide

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Met	Phe	Pro	Gly	Cys	Pro	Lys	Asp	Leu	Lys
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<220>

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<400> 8

Met	Val	Glu	Val	Arg	Cys	Gly	Arg	Leu	Glu	Ile	Trp	Pro	Tyr	Thr
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<210> 9

<211> 24

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<400> 9

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				20											

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<400> 10

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 Thr Ala Glu Val Ser Thr Ala Gly Ser Gly Gly Gly Ser Gly Gly
 35 40 45
 Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Ala Ser Pro
 50 55 60
 Val Gln Phe Ile Pro Leu Leu Val Gly Leu Gly Ile Ser Gly Ala Thr
 65 70 75 80
 Leu Ala Gly Gly Thr Gly Leu Gly Val Ser Val His Thr Tyr His Lys
 85 90 95
 Leu Ser Ala Asn Gln Leu Ile Glu Asp Val Gln Ala Leu Ser Gly Thr
 100 105 110
 Ile Asn Asp Leu Gln Asp Gln Ile Asp Ser Leu Ala Glu Val Val Leu
 115 120 125
 Gln Asn Arg Arg Gly Leu Asp Leu Leu Thr Ala Glu Gln Gly Gly Ile
 130 135 140
 Cys Leu Ala Leu Gln Glu Lys Cys Cys Phe Tyr Ala Asn Lys Ser Gly
 145 150 155 160
 Ile Val Arg Asp Lys Ile Arg Lys Leu Gln Glu Asp Leu Ile Glu Arg
 165 170 175
 Lys Arg Ala Leu Tyr Asp Asn Pro Leu Trp Ser Gly Leu Asn Gly Phe
 180 185 190
 Leu Pro Tyr Leu Leu Pro Leu Leu Gly Pro Leu Phe Gly Leu Ile Leu
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 Phe Leu Thr Leu Gly Pro Cys Ile Met Lys Thr Leu Thr Arg Ile Ile
 210 215 220
 His Asp Lys Ile Gln Ala Val Lys Ser
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<210> 12
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<400> 15

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<210> 17

<211> 26

<212> PRT

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<210> 18
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 Arg Gly Glu Arg Arg Phe Ala Tyr Trp Ala Leu Phe Arg Phe Leu Ala
 35 40 45
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<210> 19
 <211> 4
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<400> 19
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 Met Arg Leu Ser Lys Arg Ile Phe Thr
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<210> 21
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<400> 23

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<210> 24

<211> 56

<212> PRT

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<400> 24

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Arg Ser Lys Leu Ala Ala Val Leu Ser Leu Met Val Met Ala Ala Leu
20 25 30
His Asn Ser Leu Thr Val Met Pro Ser Val Arg Cys Phe Ser Val Thr
35 40 45
Gly Glu Tyr Ser Thr Lys Ser Phe
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 35 40 45
 Met

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<400> 26
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<210> 27
 <211> 27
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 20 25

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<400> 28
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<210> 29
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<400> 31
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51

<210> 33
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<212> DNA

<213> Artificial sequence

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<223> Synthetically generated primer

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47

<210> 35

<211> 39

<212> DNA

<213> Artificial sequence

<220>

<223> Synthetically generated primer

<400> 35

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39

*B1
concl'd*